

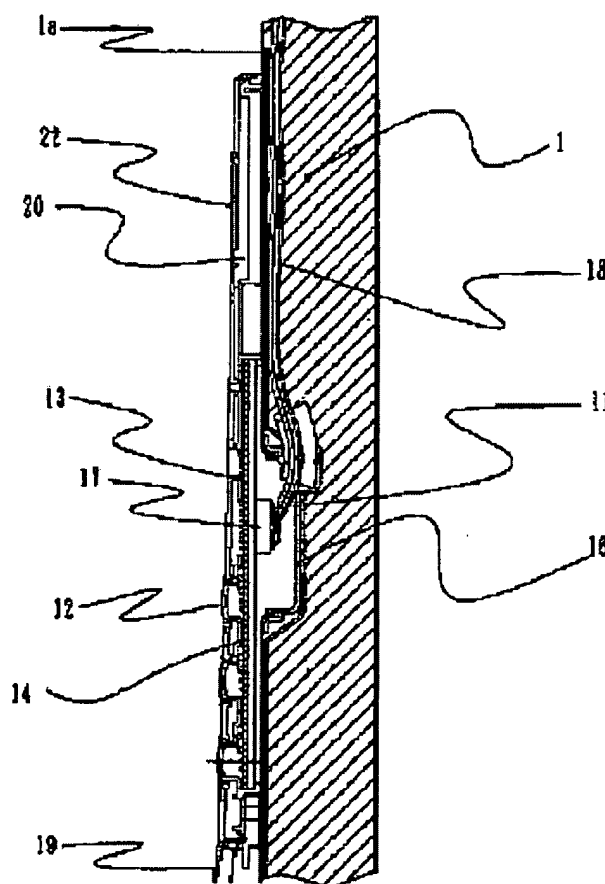
## REFRIGERATOR

**Patent number:** JP2001050651  
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**Applicant:** HITACHI LTD  
**Classification:**  
- international: F25D29/00  
- european:  
**Application number:** JP19990228257 19990812  
**Priority number(s):**

### Abstract of JP2001050651

**PROBLEM TO BE SOLVED:** To reduce a thickness of a decorative cover and to decrease its cost by providing a surface mounting component on a pattern surface of a board and a board side connector at an insulation surface of a rear side, penetrating lead wires of the connector to the board at the pattern surface side, and disposing the connector in a containing case.

**SOLUTION:** A hole of the size capable of containing lead wires 18 of a board side connector 17 and a lead wire side connector 11 provided at an insulation surface of a rear surface side of a pattern surface of an operating board 14 is opened at a place disposed above a handle 19 of a left side of an outdoor plate 1a. A board containing case 16 for protecting the connector 17, the wires 18, the board 14 and the like provided at an insulator side in the plate 1a is provided in the hole. The connector 17 for connecting the board side in the case 16 is extended from above the case 16, and electrically connected from a refrigerator body through an upper hinge of a refrigerator door. The refrigerator is controlled by a pushbutton provided at the cover.



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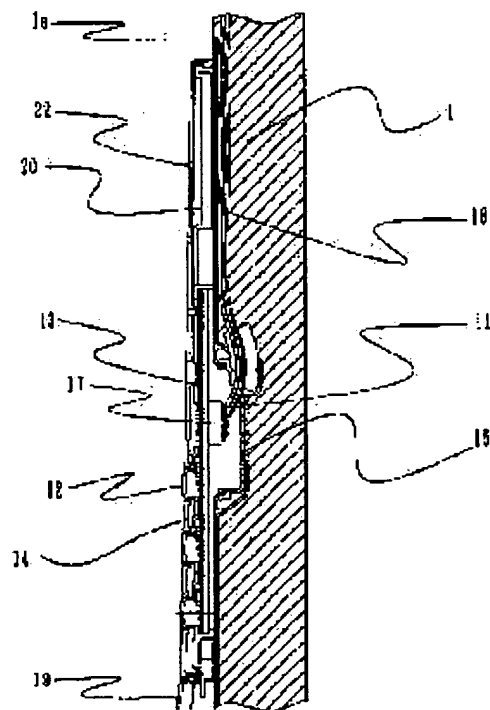
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## (54) REFRIGERATOR

### (57)Abstract:

PROBLEM TO BE SOLVED: To reduce a thickness of a decorative cover and to decrease its cost by providing a surface mounting component on a pattern surface of a board and a board side connector at an insulation surface of a rear side, penetrating lead wires of the connector to the board at the pattern surface side, and disposing the connector in a containing case.

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